



BBF/KSF-V-HE

BALL VALVE FOR ONE TIME
OPERATION / TIE-IN BALL VALVE

DN 65-200 | PN 25

FULL BORE

INFORMATION

Ball Valve for one time operation / Tie-in ball valve

/// Operating temperature up to +150 °C

/// The scope of delivery includes a cover for proper welding design according to AGFW worksheet FW401 (up to DN100).

/// The enclosed installation instructions must be observed!

/// Control shaft designed with double O-ring sealing

/// Single-use ball valves are supplied unpainted as standard.

/// Not suitable for oxyacetylene welding

/// **For nominal diameters up to and including DN 50, please use our tapping ball valves.**

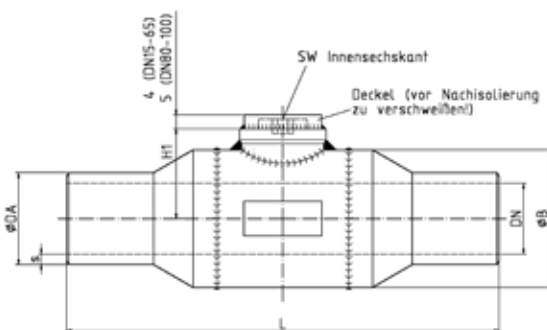
MATERIALS

| | |
|-------------------|----------------------|
| Body | Forged Steel / Steel |
| Weld Ends | Steel |
| Ball | Stainless steel |
| Ball Seals | PTFE |
| Stem Seals | EPDM |

OPTIONS

/// Suitable for steam

/// For deviating operating conditions please send us a written request stating the fluids, as well as the pressure and temperature range.



| DN [mm] | PN [bar] | Da [mm] | s [mm] | L [mm] | B [mm] | H1 [mm] | SW 1 [mm] | Weight [kg] | Article-No. |
|------------------|----------|---------|--------|--------|--------|---------|-----------|-------------|-------------|
| 65 | 25 | 76.1 | 3.6 | 270 | 121 | 77.5 | 10 | 7.9 | 010.1113 |
| 80 | 25 | 88.9 | 4.0 | 280 | 140 | 100 | 12 | 9.7 | 010.1114 |
| 100 | 25 | 114.3 | 4.0 | 300 | 171 | 114 | 12 | 14.8 | 010.1147 |
| 125 ¹ | 25 | 139.7 | 4.5 | 350 | 203 | 149 | 22 | 26.5 | 010.9215 |
| 150 ¹ | 25 | 168.3 | 5.0 | 400 | 254 | 188 | 32 | 49.5 | 010.6078 |
| 200 ¹ | 25 | 219.1 | 6.3 | 460 | 324 | 223 | 32 | 84.0 | 010.2914 |

¹This ball valve is operated with an external square adapter, a torospherical closure (not included in the delivery) should be welded on.

OPTIONS

| | Underground Ball valves HE | | | | | Standard Ball valves HS | | | | | | |
|--|----------------------------|-----------|-----------|-------------------------------------|-----------------------------------|-------------------------|----------------|-------|--|-----------|-------|-----------------------------------|
| | KSF V KSF R | ELF/ESF V | EMG/ESF V | KSF V KSF R Tie-in ball valve | KSF V (Hot tapping ball valve) | KSF V KSF R | FSK V FSK R | FSL V | FSL/KSF V + FSK/KSF V FSL/KSF R + FSK/KSF R | KSG/KSF V | KSG V | KSF V (Hot tapping ball valve) |
| Variable lengths for underground installation ¹ | ✓ | | | | | | | | | | | |
| Special lengths | | ✓ | ✓ | | | ✓ | | ✓ | ✓ | ✓ | | |
| Variable stem extensions for underground installation ² | ✓ | | | | | | | | | | | |
| Stem extension 60 mm /100 mm | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Spigot for drain and vent ball valve | ✓ | | | | | | | | | | | |
| Test connection from DN150 (with plug or ball valve) | | | | | | ✓ | ✓ | ✓ | | | | |
| greater wall thicknesses for extreme axial loads or corrosion surcharges | ✓ | | | | | | | | | | | |
| With Flange/Weld end from DN125 | | | | | ✓ | | | | | | | |
| Suitable for steam | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✓ | | | ✓ | |

¹Variable overall lengths for installation in the ground:

The overall lengths specified in the catalog correspond to the standard dimensions. Other overall lengths are available on request as special production.

²Variable spindle extensions for buried installation:

The dome height of 350 mm shown in the catalog corresponds to the standard. In addition, dome heights of 500 mm, 750 mm and 1000 mm can be manufactured on request.

Tender specification texts are available for download on our website.